ATTORNEY DOCKET NO.: 46884-5514

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

fn re Application of:	\
Hirofumi MIYAJIMA et al.	Confirmation No.: 5748
Application No.: 10/593,033) Group Art Unit: 2828
Filed: September 15, 2006) Examiner: To be Assigned

Commissioner for Patents U.S. Patent and Trademark Office **Customer Window** Alexandria, VA 22314

For: SEMICONDUCTOR LASER EQUIPMENT)

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO Form 1449. To the best of the undersigned's knowledge, this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application. Accordingly, Applicants do not believe that a fee is due for filing this paper.

A copy of an International Search Report dated June 14, 2005 that issued in a related patent application and having documents cited therein is attached for the Examiner's consideration.

The relevance of any of the attached foreign language documents can be understood from either the attached English-language abstract or the International Search Report. Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form.

Also attached is an English-language translation of an International Preliminary Examination Report ("IPER"), including PCT/IB/373 and English translation of PCT/ISA/237, dated September 28, 2006 that issued in a related PCT/JP2005/003979 application. Applicants respectfully request that the Examiner consider the IPER as it relates to the above-identified application.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such document.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should the documents be applied against the claims of the present application.

Except for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this Application, including fees due under 37 C.F.R. § 1.16 and 1.17 which may be required and including any required extension of time fees, *or* credit any overpayment to Deposit Account No.



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50-0573. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR

EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

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Dated: February 27, 2007

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Attorney Docket No.: Serial No.: INFORMATION DISCLOSURE CITATION 46884-5514 0/593,033 Applicants: Page 1 of 1 (Use several sheets if necessary) Hirofumi MIYAJIMA et al. PTO Form 1449 Filing Date: Group Art Unit: 2828 September 15, 2006 **U.S. PATENT DOCUMENTS** Sub *Examiner Document Class Filing Date Number Date Name Class Initial FOREIGN PATENT DOCUMENTS Sub **Translation** Document YES NO Country Class Class Number Date PCT Abstract /A.R./ WO 00/11922 Mar. 2, 2000 WO 00/11717 Mar. 2, 2000 PCT Abstract Abstract JP 8-139478 May 31, 1996 Japan JP 8-139479 May 31, 1996 Japan **Abstract** Nov. 2, 2000 Abstract 2000-307284 Japan Abstract JP 06-037219 Feb. 10, 1994 Japan Apr. 9, 1993 Japan Abstract JP 05-090463 Abstract Sep. 2, 1982 JP 57-141986 Japan Jul. 29, 1997 **Abstract** JP 9-194204 Japan Abstract 2003-008273 Jan. 10, 2003 Japan Abstract 10-209531 Aug. 7, 1998 Japan OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) S. Nishio, Expectations for Micro Channel Applications, University of Tokyo Institute of Industrial Science, MSME TED Newsletter No. 27, March 1999 (with English abstract) Date Considered Examiner

not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if

03/24/2009

/Armando Rodriguez/